

KEYMILE's NAE 4x2 OPT

bundles four E1 channels onto one optical fibre.

More bandwidth in the subscriber access area or several installations at remote locations – the NAE 4x2 OPT provides its benefits – rapidly and cost effective. 4 x 2 Mbps; transparent and independent.



NAE 4x2 OPT DT



NAE 4x2 OPT LC

FUNCTIONAL DESCRIPTION

The NAE 4x2 OPT system serves for transmission of four independent 2 Mbps data streams (G.703) via one optical fibre. Transmission is bi-directional (monomode) with 1,300 nm.

The NAE 4x2 OPT system was developed particularly for the subscriber access area, where very large transmission ranges are not crucial, but instead mounting flexibility and durability under rough climatic conditions.

The four DTE interfaces conform to the ITU-T G.703 recommendation. Transmission can be transparent or conforming to ITU-T G.704. Clocking of the four channels is fully independent from each other and for each direction.

APPLICATIONS

- Subscriber access to digital networks via fibre optic lines
- 2 Mbps transmission on private fibre optic and 4-wire lines
- Links to GSM base stations
- Provision of PRA's, E1 Drop & Insert

MANAGED SOLUTION

SNMP management for remote performance monitoring and controlling enables you to rapidly detect any potential failure situations and to take corrective measures.

The NAE 4x2 OPT can be managed by the DT NMS management system from KEYMILE.

FEATURES

- 2 Models
 - Desktop NAE 4x2 OPT DT
 - Line card NAE 4x2 OPT LC
- Optical transmission via single monomode optical fibre
- 8 Mbps full duplex
- 4 clock independent E1 interfaces
- Transparent transmission

TECHNICAL DATA

General	Interfaces	G.703 on the rear side RJ45 fibre on the rear side FC/PC Operator interface on the front panel RJ45
	Network Management	DT NMS/SNMP
	Environmental conditions	Operation 0 °C to + 50 °C Storage - 20 °C to + 70 °C Relative humidity max. 90% non-condensing
NAE 4x2 OPT DT	Dimensions Power Supply	271 x 173 x 45 mm (W x D x H) 40 VDC to 250 VAC mains cable 1,5 m Euro
NAE 4x2 OPT LC	Dimensions Power Supply	25 x 162 x 262 mm (W x D x H) + 5 V from the card rack

